B0049

State of New Hexico

O. Bolloto, Hobbs, NM

Energy, Minerals and Natural Resources Department

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SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

100 Rio Brazos Rd. DECNY 13/1996

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

| Fill Con Shamen   | ]   |
|---|---|
| Operator: Amoco Production Company  | Telephone: (505) - 326-9200   |
| Address: 200 Amoco Court, Farming   | ton, New Mexico 87401   |
| Facility Or: EATON A / E  Well Name  Location: Unit or Qtr/Qtr sec  | Sec Z5 T Z9A R //W County SAN JUAN Other BLOW , Other COM. AGMT.  |
| Reference: wellhead   | gth 100 , width 45 , depth 7   X, other   Ce: 105   East North X of West South  |
| Depth To Ground Water:  (Vertical distance from contaminants to seasonal high water elevation of ground water)                            | Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points) <u>と</u> う                              |
| Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources) | Yes (20 points)<br>No (0 points) <u>20</u>  |
| Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)        | Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)  RANKING SCORE (TOTAL POINTS):  50 |
|   | KANKING BOOKE (TOTAL TOTAL)   |

| ate Remediation St   | arted:                     | Date Completed: 9/21/94              |
|--|----------------------------|--------------------------------------|
| emediation Method:<br>Check all appropriate<br>ections)                                  | Excavation X  Landfarmed   | Insitu Bioremediation                |
|  |                            | 7                                    |
| emediation Location<br>ie. landfarmed onsite,<br>ame and location of<br>ffsite facility) |                            | site X @ GARCIA B *1                 |
| eneral Description   | Of Remedial Action         | :                                    |
| Excavation   |                            |                                      |
|  |                            |                                      |
|  |                            |                                      |
|  |                            |                                      |
|  |                            |                                      |
|  |                            |                                      |
|  |                            | Yes X Depth 7                        |
| Ground Water Encour  | tered: No                  | Yes X Depth                          |
| Ground water Endour  |                            |                                      |
|  |                            |                                      |
| 7 75 46 4  | Sample location            | see Attached Documents               |
| Final Pit:<br>Closure Sampling:  |                            |                                      |
| (if multiple samples,  |                            | 21                                   |
| attach sample results and diagram of sample  | Sample depth               | 7'                                   |
| locations and depths)  | Sample date $\frac{9/2}{}$ | .1/94 Sample time 0956               |
|  |                            |                                      |
|  | Sample Results             |                                      |
|  | Benzene (ppm)              | 0.0007                               |
|  |                            | pm) 0.0042                           |
|  |                            | pace(ppm) ND                         |
|  | Field headsp               | Ace (pp/                             |
|  | TPH                        | ·                                    |
| Ground Water Sampl   | e: Yes 🗶 No _              | (If yes, attach sample results)      |
|  |                            |                                      |
| I HEREBY CERTIFY TO OF MY KNOWLEDGE AN   | ID DEFITER                 | ABOVE IS TRUE AND COMPLETE TO THE BE |
| DATE 9/23/94   | PRINTE                     | NAME Budde D. Shaw                   |
| SIGNATURE 2  | haw AND TIT                | THE CALKONWEALT - OUR AUTHER         |
|  |                            |                                      |

| CLIENT: AMOCO                                    | BLAGG ENGINEERING, I<br>P.O. BOX 87, BLOOMFIELD, N<br>(505) 632-1199   | NC. LOCATION NO. <b>80099</b> M 87413  C.O.C. NO. <b>2049</b> |
|--|--|---|
| LOCATION: NAME: EAT                              | RT: CLOSURE VERIFIC  NELL #: A / E PIT: 8  TWP: 29-2 RNG: 1\w PM: NM CNT  NW   NW   NE CONTRACTOR: P. VELASO   | DATE STARTED: 5/21/94  DATE FINISHED:  ENVIRONMENTAL          |
| SOIL REMEDIATION: EXC<br>DISPOSAL F<br>LAND USE: | AVATION APPROX. 100 FT. x 4  ACILITY: 64CIA B */ (comfost)  RANGE AGRIC. LEASE:  | CUBIC YARDAGE: 1150   |
| DEPTH TO GROUNDWATER: <50                        | KS: PIT LOCATED APPROXIMATELY 100 NEAREST WATER SOURCE: <1000 NMOCD TPH CLOSURE STD: 100 PPM   | FORMATION: CHIMU DK   |
| SOIL AND EXCAVATION I                            | PESCRIPTION:  OK. YELL. BROWN CURY, IN  WET, VERY STIFF, NO  SIDELIRUL OUM SAMPLE  FIELD 418.1 CALCULATIONS  I.D. LAB NO: WEIGHT (g) ML. FREON DILUTIO | N READING CALC. PPM   |
| SCALE  O FT  PIT PERIM                           | OVM RESULTS  SAMPLE FIELD HEADSPACE PID (ppni)  1 @ 4  | PIT PROFILE  A  |
| TRAVEL NOTES: CALLOU                             | LAB SAMPLES  PANIEGN(7') ETTEX (8020)  PRSSED  T: 9/20/94 ONSITE:  | 9/21/94   |



### AROMATIC VOLATILE ORGANICS

Attn:

Nelson Velez

Date:

9/22/94

Company: Blagg Engineering

Lab ID:

2049

Address:

P.O. Box 87

Sample ID:

3168

Job No.

City, State: Bloomfield, NM 87413

2-1000

Project Name:

Eaton A 1 E

**Project Location:** 

PW 1 @ GW (7') - Blow Pit Date:

9/21/94 9/22/94 Time:

9:56

Sampled by: Analyzed by:

Sample Matrix:

NV DLA

Date:

Liquid

### Aromatic Volatile Organics

|              | Measured           | Detection Limit    |
|--------------|--------------------|--------------------|
| Component    | Concentration ug/L | Concentration ug/L |
| Benzene      | 0.7                | 0.2                |
| Toluene      | 1.1                | 0.2                |
| Ethylbenzene | ND                 | 0.2                |
| m,p-Xylene   | 2.0                | 0.2                |
| o-Xylene     | 0.4                | 0.2                |
|              | TOTAL 4,2 ug/L     |                    |

ND - Not Detectable

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

B0099

District I
P.O. Box 1980, Hobba, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

# State of New Mexico Energy, Minerals and Natural Resources Department

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

### OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

# PIT REMEDIATION AND CLOSURE REPORT

| Operator: Amoco Production Company  | Telephone: (505) - 326-9200  |
|---|--|
| Address: 200 Amoco Court, Farmingto   | n, New Mexico 87401  |
| Facility Or: EATON A LE Well Name   |  |
| Location: Unit or Qtr/Qtr Sec S   | ec 25 T 29NR IIW County SAN JUAN   |
| Pit Type: Separator Dehydrator (  | Other_DRU.   |
| Land Type: BLM, State, Fee  | _, OtherCOM. AGMT.   |
| (Attach diagram) Reference: wellhead $\chi$   | h 40', width 30', depth 12'  c, other  :   |
| Depth To Ground Water:  (Vertical distance from contaminants to seasonal high water elevation of ground water)                            | Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points) 20   |
| Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources) | Yes (20 points)<br>No (0 points) <u>20</u>   |
| Distance To Surface Water:  (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)       | Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points) |
|   | RANKING SCORE (TOTAL POINTS): $50$   |

| Date Remediation St                                | arted: Date Completed: 9-30-44                             |
|--|--|
| Remediation Method:                                | <b>-</b> 0.0   |
| (Check all appropriate sections)                   | Landfarmed Insitu Bioremediation                           |
| ,  | Other Compost  |
|  |  |
| Remediation Location (ie. landfarmed onsite,       |  |
| name and location of offsite facility)             |  |
| General Description                                | Of Remedial Action:  |
| Excavation   | on   |
|  |  |
|  |  |
|  |  |
|  |  |
| Ground Water Encoun                                | tered: No Yes X Depth 12'                                  |
| Final Pit: Closure Sampling: (if multiple samples, | Sample location see Attached Documents                     |
| attach sample results and diagram of sample        | Sample depth 3 / Soll                                      |
| locations and depths)                              | Sample date 9-30-44 Sample time                            |
|  | Sample Results   |
|  | Benzene(ppm)   |
| ·  | Total BTEX(ppm)  |
|  | Field headspace(ppm) ND                                    |
|  | TPH 18 PPM   |
| Ground Water Sample                                | : Yes $X$ No (If yes, attach sample results)               |
| I HEREBY CERTIFY THOOF MY KNOWLEDGE AND            | NAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST |
| DATE 10-5-99 SIGNATURE ASS                         | haw AND TITLE Environmental Coordinator                    |

RESULTS TO BUB MICLOT 10-4-94 PLV

| CLIENT: AMOCO BLAGG ENGINEERING, INC. LOCATION  | N NO: BOD99        |
|---|--------------------|
| P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199  | ND: 2054           |
| FIELD REPORT: PIT CLOSURE VERIFICATION  |                    |
| LOCATION: NAME: ENTON A WELL #: IE PIT: DRIP DATE START  QUAD/UNIT: C SEC: 2 5 TWP: 29 N RNG:   W BM: NM CNTY: SJ ST: NM  ENVIRONMENT   | ED: <u>9-30-44</u> |
| OTR/FOOTAGE: NW/NE CONTRACTOR: PAUL + SONS SPECIALIST:  | ITAL REO           |
| SOIL REMEDIATION: EXCAVATION APPROX. 30 FT. x 40 FT. x 12  DISPOSAL FACILITY: 6ARCIA B #1 60 FF CUBIC YARDAGE:  | FT. DEEP.          |
| LAND USE: AGRICULTURAL LEASE: — FEE   |                    |
| FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 70 FEET N45°W F  DEPTH TO GROUNDWATER: <50 NEAPEST WATER SOURCE: <1000' NEAREST SURFACE WATER: _  NMOCD RANKING SCOPE: 50 NMOCD TPH CLOSURE STD: 100 PPM | ROM WELLHEAD.      |
| SOIL AND EXCAVATION DESCRIPTION: MOIST PO WET CLAREY SILT. WHITE IS   | Solny WITH         |
| EUIDENCE OF HYDROCARBON SHEEN? - SAMPLE RESULTS   | υ. π.              |
| EUIDENCE OF IMPLIATION WATER FLOWING INTO PLT FROM  | n suitfice.        |
|   |                    |
| FIELD 410.1 CHECOENTIANS  | CLOSE PIT          |
| SAMPLE I.D. LAB NO: WEIGHT (g) mL. FREON DILUTION READING CALC. ppm  NS@8' 1168 10.0 20.0 - 9 18  |                    |
| SCALE   |                    |
| O 13 TFT OVM  | מו דו              |
| PIT PERIMETER RESULTS PIT PROF  |                    |
| SAMPLE FIELD HEADSPACE PID (ppm)  |                    |
| 355@ 8' ND  |                    |
| 5   |                    |
|   | 2'                 |
| 3   |                    |
| LAB SAMPLES   | _                  |
| mu Pr uni e 12 ATEV - OK  |                    |
|   |                    |
| TRAVEL NOTES CALLOUT: 9-29 94 O725  |                    |

# BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413 Phone: (505)632-1199 Fax: (505)632-3903

## FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

Amoco

Project #:

Sample ID:

N Side @ 8' Eaton A 1E Date Analyzed:

9-30-94

Project Location: Laboratory Number:

Eaton A 1E TPH-1168 Date Reported: Sample Matrix:

9-30-94 Soil

Parameter

Result, mg/kg

Detection Limit, mg/kg

Total Recoverable

Petroleum Hydrocarbons

18

10

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample TPH mg/kg Duplicate TPH mg/kg %

-----

-----

4,220

\*Diff.

4,020 \*Administrative Acceptance limits set at 30%.

Method:

Modified Method 418.1, Petroleum Hydrocarbons, Total

Recoverable, Chemical Analysis of Water and Waste,

USEPA Storet No.4551, 1978

Comments:

Drip Pit - B0099

R. E. O'Nall Analyst

Review



LAB: (505) 325-5667 OFF: (505) 325-8786

### AROMATIC VOLATILE ORGANICS

Attn:

R. E. O'Neill

Date:

10/4/94

Company: Blagg Engineering

Lab ID:

2054

Address:

P.O. Box 87

Sample ID:

3376

City, State: Bloomfield, NM 87413

Job No.

2-1000

Project Name:

Eaton A #1E

**Project Location:** Sampled by:

Pit Water @ 12' - Drip Pit

Date:

Date:

9/30/94 10/4/94

Time:

7:50

Analyzed by: Sample Matrix: DLA Water

REO

### Aromatic Volatile Organics

| Component              | Measured<br>Concentration ug/L |          | Detection Limit<br>Concentration ug/L |  |
|------------------------|--------------------------------|----------|---------------------------------------|--|
| Benzene                |                                | ND       | 0.2                                   |  |
| Toluene                | 1                              | 1.1      | 0.2                                   |  |
| Ethylbenzene           | ND                             |          | 0.2                                   |  |
|                        |                                | 0.5      | 0.2                                   |  |
| m,p-Xylene<br>o-Xylene |                                | 5.1      | 0.2                                   |  |
|                        | TOTAL                          | 6.8 ug/L |                                       |  |

ND - Not Detectable

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography